

Abstract of the Disclosure

A system for shaping a single curvature parabolic membrane. The system includes a shaping rail and a bending rail. At least two rollers operably connect the shaping rail and the bending rail. The rollers are operable to alter a position of the shaping rail relative to the bending rail. A compression adjustment bar is operably connected to ends of the shaping rail to
5 apply a load to the shaping rail. A bending adjustment bar is operably connected to ends of the bending rail to apply a moment to the shaping rail through the at least two rollers.